

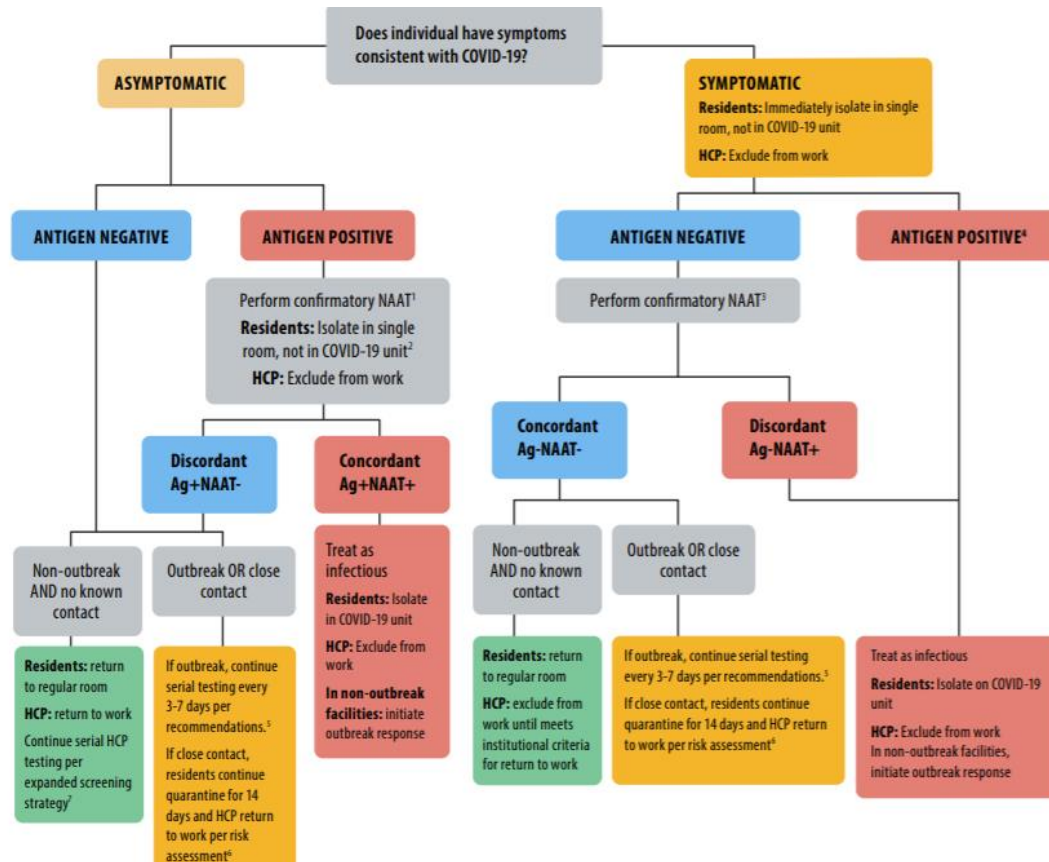


This call is off-the-record and is not intended for press or for reporting purposes.

## CONSIDERATIONS FOR INTERPRETATION OF ANTIGEN TESTS IN LONG-TERM CARE FACILITIES

### Antigen testing updated algorithm

<https://www.cdc.gov/coronavirus/2019-ncov/downloads/hcp/nursing-home-testing-algorithm-508.pdf>



# Updates to Antigen Testing Considerations

## Summary of Changes

Updates as of January 7, 2021



As of January 7, 2021

- Revised guidance on when to perform confirmatory tests. In general, asymptomatic people who test antigen positive should have a confirmatory test performed. Symptomatic people who test antigen negative should have a confirmatory test performed.
- Confirmatory test should be performed with nucleic acid amplifications tests (NAAT) such as reverse transcriptase polymerase chain reaction (RT-PCR).
- Expanded the intended audience to include all long-term care facilities, including nursing homes.
- Added links to [Point of Care Testing](#) and [Testing and Management Considerations for Nursing Home Residents with Acute Respiratory Illness Symptoms when SARS-CoV-2 and Influenza Viruses are Co-circulating](#)

Continue to refer to the CDC's vaccination [FAQ section](#) and [Toolkit](#) for updated vaccine guidance in long-term care facilities.

## Frequently Asked Questions about COVID-19 Vaccination in Long-Term Care Facilities



Long-Term Care Facility Toolkit: Preparing  
for COVID-19 Vaccination at Your Facility

## COVID-19 Vaccine: Expected Vaccine Availability in South Dakota

Phase	Population Group	January	February	March	April	May-December
1A	Frontline healthcare workers and long-term care facility healthcare workers					
1B	Long-term care residents					
1C	EMS, public health workers, and other healthcare workers (lab & clinic staff)					
	Law enforcement, correctional officers					
1D	Persons aged 65 years and older <i>Starting w/those 80 years of age and older (Age to be lowered in coming weeks)</i>					
	High risk patients - dialysis, post-transplant, and active cancer					
	High risk residents in congregate settings					
1E	Persons with 2 or more underlying medical conditions					
	Teachers and other school/college staff					
	Funeral service workers					
1F	Fire service personnel					
	Includes public-facing workers in essential and critical infrastructure					
Phase 2	All others 16 years and older					

Estimated Vaccine Availability

Note: Tribal vaccine allocation & administration is handled by the IHS  
Veteran vaccine allocation & administration is handled by the VA

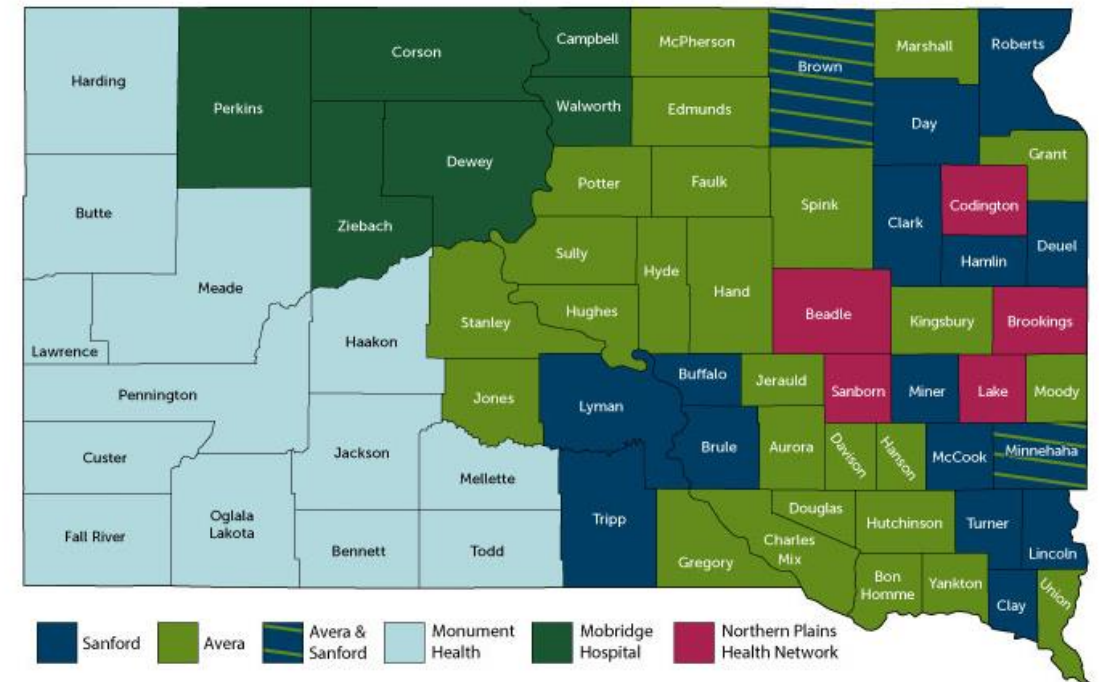
Due to limited allocation of the vaccine, the South Dakota Department of Health will use COVID-19 infection rates and will follow recommendations from the Advisory Committee on Immunization Practices (ACIP) to guide which counties will receive the vaccine first.

<https://doh.sd.gov/COVID/Vaccine/Public.aspx>

## COVID-19 VACCINE PROVIDERS

### VACCINE PROVIDERS BY COUNTY

Best viewed on a desktop/laptop computer or in landscape mode on mobile (i.e. holding the phone sideways).



<https://doh.sd.gov/documents/COVID19/Vaccine/COVIDVaxAvailabilityTimeline.pdf>

<https://doh.sd.gov/COVID/Vaccine/VaccineProviders.aspx>

## ***Candida auris* Outbreak in a COVID-19 Specialty Care Unit — Florida, July–August 2020**

Prestel C, Anderson E, Forsberg K, et al. *Candida auris* Outbreak in a COVID-19 Specialty Care Unit — Florida, July–August 2020. MMWR Morb Mortal Wkly Rep. ePub: 8 January 2021. DOI: <http://dx.doi.org/10.15585/mmwr.mm7002e3>external icon

- 35 of 67 patients were colonized with *Candida auris* in a specialty COVID unit resulting in a large outbreak.
- HCP were observed to wear multiple layers of PPE (gown and glove) throughout shift.
- While double gowning and gloving increase the *perception* of more protection, it is showing to be more harmful and causes more lapses in cross contamination.
- Multiple layers of PPE is still NOT recommended for COVID transmission-based precautions
- Lapses in cleaning and disinfection of shared medical equipment and lapses in adherence to hand hygiene likely contributed to widespread *C. auris* transmission.





## Increase in Hospital-Acquired Carbapenem-Resistant *Acinetobacter baumannii* Infection and Colonization in an Acute Care Hospital During a Surge in COVID-19 Admissions — New Jersey, February–July 2020

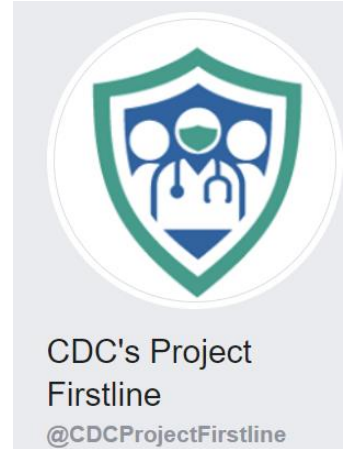
Stephen Perez, PhD<sup>1,2</sup>; Gabriel K. Innes, VMD, PhD<sup>2</sup>; Maroya Spalding Walters, PhD<sup>3</sup>; Jason Mehr, MPH<sup>2</sup>; Jessica Arias<sup>2</sup>; Rebecca Greeley, MPH<sup>2</sup>; Debra Chew, MD<sup>4</sup>

- A New Jersey hospital reported a cluster of 34 CRAB cases that peaked during a surge in COVID-19 hospitalizations. Strategies to preserve continuity of care led to deviations in IPC practices; CRAB cases decreased when normal operations resumed.



## CDC's Infection Prevention Education: Project Firstline

In December, CDC's Project Firstline launched a video series for frontline healthcare workers called [\*Inside Infection Control\*](#). The videos range from 3-5 minutes and are designed to answer common questions from frontline healthcare workers. New videos will be aired every Tuesday and Thursday starting January 12, 2021 on [Facebook](#).







CDC COVID-19 Guidance: CDC continues to learn more about Coronavirus Disease 2019 (COVID-19) and guidance around infection prevention and control (IPC) for healthcare settings continues to be updated to reflect developing knowledge. Below is a list of some of the key healthcare IPC related guidance documents and resources that have been recently published or updated by CDC

[Clinical FAQs – Testing in Nursing Homes](#) (1/8/21)

[Considerations for Use of SARS-CoV-2 Antigen Testing in Nursing Homes and other LTC Facilities](#) (1/7/21)

[Testing Guidelines for Nursing Homes](#) (1/7/21)

[FAQs about COVID-19 Vaccination in Long-Term Care Facilities](#) (1/5/21)

[Importance of COVID-19 Vaccination for Residents of Long-Term Care Facilities](#) (12/28/20)

[Responding to SARS-CoV-2 Infections in Acute Care Facilities](#) (12/28/20)

[LTCF Toolkit: Preparing for COVID-19 Vaccination at Your Facility](#) (12/23/20)

[Preparing LTCF Staff for COVID-19 Vaccination](#) (12/23/20)

[Interim IPC Recommendations for Healthcare Personnel During the COVID-19 Pandemic](#) (12/14/20)

[Interim Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to COVID-19](#) (12/14/20)

[Strategies to Mitigate Healthcare Personnel Staffing Shortages](#) (12/14/20)

[Interim Guidance on Testing Healthcare Personnel for SARS-CoV-2](#) (12/14/20)

[Clinical FAQs – Infection Control \(alternatives to 14-day quarantine\)](#) (12/14/20)

[Post Vaccine Considerations for Healthcare Personnel](#) (12/13/20)

[Post Vaccine Considerations for Residents of Long-Term Care Facilities](#) (12/13/20)

[Clinical FAQs - Cleaning and Disinfection of Environmental Surfaces](#) (12/7/20)

[Guidance for Expanded Screening Testing to Reduce Silent Spread of SARS-CoV-2](#) (12/3/20)

[Options to Reduce Quarantine for Contacts of Persons with SARS-CoV-2 Infection Using Symptom Monitoring and Diagnostic Testing](#) (12/2/20)

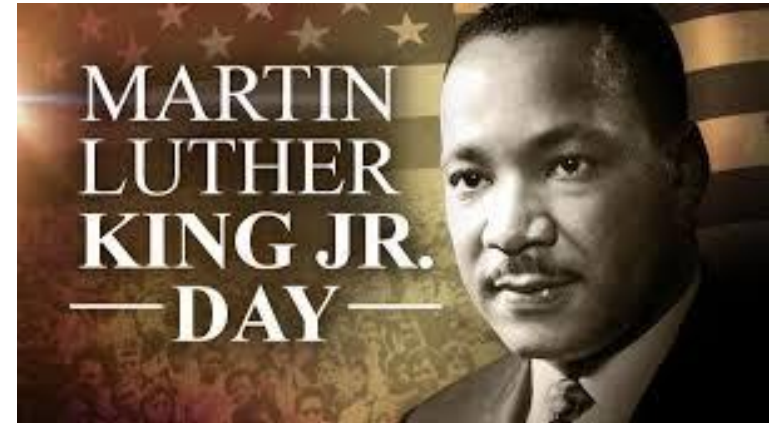
# Laboratory Guidance



SOUTH DAKOTA DEPARTMENT OF HEALTH

# SDPHL Holiday Schedule

- SDPHL will be closed for Martin Luther King Jr. Day on Monday, January 18.
- Specimens submitted on Friday/Saturday, January 15-16 will be tested on Tuesday, January 19.



# Free SARS-CoV-2 Testing Opportunities

**VAULT | SDGOV**

**NO-COST COVID TESTING FOR SOUTH DAKOTANS**

South Dakota and Vault Medical Services have teamed up to offer at-home COVID-19 saliva testing for any person who believes they have been exposed to COVID-19. You do not need to have symptoms to be tested.

**ORDER A TEST**

<https://learn.vaulthealth.com/southdakota/>

**HyVee®**

STAY-IN-CAR  
**COVID-19 TESTING**  
BY APPOINTMENT



<https://covid.sd.gov/drivethrutesting.aspx>

# SARS-CoV-2 Antigen Testing: Abbott BinaxNOW

- SDDOH continues to stock Abbott BinaxNOW COVID-19 Antigen test cards.
- BinaxNOW has been made available to healthcare providers, K-12 schools, childcare providers, and long-term care facilities in SD.
- SDDOH continues to accept requests for BinaxNOW antigen cards
  - [Joan.Adam@state.sd.us](mailto:Joan.Adam@state.sd.us)
  - [Laurie.Gregg@state.sd.us](mailto:Laurie.Gregg@state.sd.us)
  - [Tim.Southern@state.sd.us](mailto:Tim.Southern@state.sd.us)
- Inquiries for BinaxNOW resources can also be directed to:
  - [Dorothy.Ahten@abbott.com](mailto:Dorothy.Ahten@abbott.com)





# COVID-19 Testing Reminders...

- SDPHL is migrating to a new molecular test that will detect SARS-CoV-2, influenza A, and influenza B. Submitters will receive both influenza and SARS-CoV-2 test results from the SDPHL.
- SDDOH is conducting an influenza-like illness surveillance program during the 2020-2021 influenza season. Submitters may receive results for pathogens besides SARS-CoV-2.



## **Viruses**

Adenovirus  
Coronavirus HKU1  
Coronavirus NL63  
Coronavirus 229E  
Coronavirus OC43  
Human Metapneumovirus  
Human Rhinovirus/Enterovirus  
Influenza A  
Influenza A/H1  
Influenza A/H3  
Influenza A/H1-2009

## **Influenza B**

Parainfluenza Virus 1  
Parainfluenza Virus 2  
Parainfluenza Virus 3  
Parainfluenza Virus 4  
Respiratory Syncytial Virus

## **Bacteria**


*Bordetella pertussis*  
*Bordetella parapertussis*  
*Chlamydia (Chlamydophila) pneumoniae*  
*Mycoplasma pneumoniae*



SOUTH DAKOTA DEPARTMENT OF HEALTH

# COVID-19 Testing Reminders...

- SDPHL now offers COVID-19 antibody testing.  
Criteria are as follows:
  - Tests: IgM; IgG
  - Acceptable Specimen Types: Serum or plasma
  - Required Specimen Volume: Minimum 1.5 ml
  - Test Results: Positive; Negative
  - Turn-Around Time: 48-72 hours
  - Cost: Free while federal funds are available
- Please use the previously published [SDPHL PUI Form](#) when submitting specimens for SARS-CoV-2 diagnostic testing.

 <b>South Dakota Public Health Laboratory</b> 615 E. Fourth Street Pierre, SD 57501 Phone 605-773-3368 Fax 605-773-8201 <a href="http://www.state.sd.us/doh/Lab/index.htm">www.state.sd.us/doh/Lab/index.htm</a>		Lab Use Only
<b>Program Use Only</b> <input type="checkbox"/> Public Health Investigation <input type="checkbox"/> CD Billing Code <input type="checkbox"/> Flu Surveillance <input type="checkbox"/> Outbreak		Facility _____ Address _____ City _____ Phone _____ Physician/Clinician Name _____
<b>Patient Information: Patient ID</b> _____ Patient Name: (Last) _____ (First) _____ (MI) _____		
Patient's Address _____ Date of Birth _____ Age _____ Sex _____ Race _____ Ethnicity _____ City _____ State _____ Zip Code _____ Phone Number _____ Medical/Medicare Number _____		
<b>Patient Data</b> Symptomatic? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Pregnant? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown 1st COVID Test? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Date of Onset? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Employed in Healthcare? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Hospitalized? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Diagnostic Code _____ Resident of congregate setting? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown ICU? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Disease Suspected _____		
<b>Specimen Data:</b> Collection Date: ____/____/____ <input type="checkbox"/> Serum <input type="checkbox"/> Whole Blood (EDTA) Venous/Capillary <input type="checkbox"/> Quantiferon TB Gold Plus Blood <input type="checkbox"/> Plasma		
<b>Specimen Source:</b> <input type="checkbox"/> Blood <input type="checkbox"/> Nasal <input type="checkbox"/> Rectal <input type="checkbox"/> Urethral <input type="checkbox"/> Bronch Wash <input type="checkbox"/> NP Aspirate <input type="checkbox"/> Spinal fluid CSF <input type="checkbox"/> Urine <input type="checkbox"/> Cervical <input type="checkbox"/> NP Swab <input type="checkbox"/> Sputum <input type="checkbox"/> Vaginal <input type="checkbox"/> Ear <input type="checkbox"/> OP Swab <input type="checkbox"/> Stool isolate <input type="checkbox"/> Fluid <input type="checkbox"/> Eye <input type="checkbox"/> Pleural <input type="checkbox"/> Stool preserve <input type="checkbox"/> Tissue <input type="checkbox"/> Nail <input type="checkbox"/> Throat <input type="checkbox"/> Wound		
<b>SEROLOGY</b> <input type="checkbox"/> SBR Brucella Ab <input type="checkbox"/> STU Francisella tularensis Ab <input type="checkbox"/> HPS Hantavirus IgG/IgM Ab <input type="checkbox"/> HAM Hepatitis A IgM Ab <input type="checkbox"/> HAP Hepatitis A IgG Ab <input type="checkbox"/> HBD Hepatitis B Acute Profile <input type="checkbox"/> HBC Hepatitis B Chronic Profile <input type="checkbox"/> VHC Hepatitis C Core Total Ab <input type="checkbox"/> VCM Hepatitis C Core IgM Ab <input type="checkbox"/> VHG Hepatitis B Surface Ab <input type="checkbox"/> VSG Hepatitis B Post Vac. Screen <input type="checkbox"/> VSB Hepatitis B Surface Ag <input type="checkbox"/> HCV Hepatitis C Ab  <input type="checkbox"/> VLG Lyme IgG Ab <input type="checkbox"/> VLM Lyme IgM Ab <input type="checkbox"/> VRO Measles IgG (Rubella) Ab <input type="checkbox"/> VMM Measles IgM (Rubella) Ab <input type="checkbox"/> VMS Mumps IgG Ab <input type="checkbox"/> VUM Mumps IgM Ab <input type="checkbox"/> VQS Q Fever IgG Ab <input type="checkbox"/> VRK Ricketsial Ab Panel <input type="checkbox"/> VSF Rocky Mt. Spotted Fever IgG Ab <input type="checkbox"/> VRE Rubella IgG Ab <input type="checkbox"/> <b>COVID SARS COV2 IgG</b> <input type="checkbox"/> <b>COVID SARS COV2 IgM</b> <input type="checkbox"/> VTY Typhus IgG Ab <input type="checkbox"/> WNM West Nile Virus IgM Ab <input type="checkbox"/> WNG West Nile Virus IgG Ab <input type="checkbox"/> VNZ Varicella Zoster IgG Ab	<b>VIROLOGY</b> <input type="checkbox"/> IAB Influenza A/B PCR <input type="checkbox"/> COV SARS COV2 PCR <input type="checkbox"/> GIP Gastrointestinal Panel <input type="checkbox"/> RFP Respiratory Pathogen Profile <input type="checkbox"/> PCR Measles PCR <input type="checkbox"/> MPCR Mumps PCR <input type="checkbox"/> DEN Dengue IgM Ab <input type="checkbox"/> ZIKA IgM Ab <input type="checkbox"/> ZIKA S Zika PCR Serology <input type="checkbox"/> VOI OTHER _____  <b>BLOOD LEAD</b> <input type="checkbox"/> BLT Blood Lead  <b>MYCOBACTERIOLOGY</b> <input type="checkbox"/> ITTB Mycobacteria Culture and Smear <input type="checkbox"/> TOT Mycobacteria Reference ID <input type="checkbox"/> MTB M. tuberculosis PCR <input type="checkbox"/> QFT Quantiferon TB Gold Plus  <b>STD</b> <input type="checkbox"/> GPB Chlamydia/Gonorrhea <input type="checkbox"/> HIV HIV <input type="checkbox"/> RPR Syphilis Non-treponemal <input type="checkbox"/> TPPA Syphilis Treponema pallidum  <b>PARASITOLOGY</b> <input type="checkbox"/> BOP Ova & Parasite Exam <input type="checkbox"/> BCP Cryptosporidium <input type="checkbox"/> BCS Cyclospora	<b>SPECIAL PATHOGENS</b> <input type="checkbox"/> Please contact the laboratory at 605-773-3368 before sending.  <b>BACTERIOLOGY</b> <input type="checkbox"/> BMD Bacterial Misc. Culture ID <input type="checkbox"/> PPR B. pertussis PCR <input type="checkbox"/> BPC B. pertussis culture <input type="checkbox"/> CAM Campylobacter ID <input type="checkbox"/> BSD Corynebacterium diphtheriae <input type="checkbox"/> BEE E. coli 0157 confirmation <input type="checkbox"/> HFLU Haemophilus influenzae typing <input type="checkbox"/> mCIM CRE Screen <input type="checkbox"/> BGR Neisseria gonorrhoeae culture <input type="checkbox"/> NMEN Neisseria meningitidis serotyping <input type="checkbox"/> SAL Salmonella serotyping <input type="checkbox"/> SHIG Shigella serotyping <input type="checkbox"/> STX Shigatoxin ELISA <input type="checkbox"/> BEP Enteric Stool Culture <input type="checkbox"/> BVC Fibrin culture/ID <input type="checkbox"/> BYC Yersinia culture/ID <input type="checkbox"/> BMH Yeast Fungus ID  <input type="checkbox"/> OTHER _____ <input type="checkbox"/> Referral

# SARS-CoV-2 Genome Sequencing Initiatives

- SDPHL and CDC have initiated SARS-CoV-2 genome sequencing initiatives.
- These programs will allow SDPHL and CDC better insight into SAR-CoV-2 strains circulating in South Dakota as well as potential strain diversification.
- Early next week, SDPHL will reach out to select laboratories in South Dakota with a request to support these initiatives. SDPHL will ask for the following:
  - Five SARS-CoV-2-positive specimens from each participating facility.
  - Specimen collection date
  - Specimen cycle threshold values (for specimens tested by RT-PCR)
  - Select patient information (residence, race, ethnicity, gender, age)
  - Travel history and hospitalization information





A reminder this has been an off-the-record call and is not intended for press or for reporting purposes.